

QUASI-CONVEXITY AND HERMITE-HADAMARD TYPE INEQUALITIES

(Kekuasicembungan dan Ketaksamaan Jenis Hermite-Hadamard)

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ABSTRACT

In this paper, some inequalities connected with the left and right hand side of Hermite-Hadamard type inequalities are established for functions whose the first and second derivatives absolute values are quasi-convex.

Keywords: Hermite-Hadamard inequality; convex function; quasi-convex function

ABSTRAK

Dalam makalah ini, beberapa ketaksamaan bersabit dengan ketaksamaan jenis Hermite-Hadamard sebelah kiri dan kanan diperoleh untuk fungsi yang nilai mutlak terbitan peringkat pertama dan keduanya adalah fungsi kuasi-cembung.

Kata kunci: ketaksamaan Hermite-Hadamard; fungsi-cembung; fungsi kuasi-cembung

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